THE INVENTION CLAIMED IS:

1. An excavation system, comprising:

a shroud having a first opening and a second opening;

a nozzle for directing an air stream in a first direction through the first opening of the shroud, the nozzle surrounded by the shroud;

a first pump configured to apply a suction within the shroud in a second direction through the second opening of the shroud; and

a collection area in fluid communication with the second opening of the shroud.

2. The excavation system of claim 1, wherein the nozzle is connected to a barrel, the barrel positioned in and extending from the shroud.

3. The excavation system of claim 2, wherein the shroud comprises a first chamber and a second chamber, the first chamber adjacent to the first opening of the shroud and the second chamber adjacent to the second opening of the shroud.

4. The excavation system of claim 3, further comprising a deflector plate received within the shroud, wherein the shroud defines a flow passageway adjacent to the deflector plate and an inner surface of the shroud.

5. The excavation system of claim 4, wherein the deflector plate is positioned between the first chamber and the second chamber of the shroud.

6. The excavation system of claim 5, wherein the deflector plate is substantially parallel to a ground area.

7. The excavation system of claim 6, further comprising a flexible seal member positioned adjacent the first opening of the shroud.

8. The excavation system of claim 7, wherein the flexible seal member comprises a plurality of bristles.

9. The excavation system of claim 1, further comprising a second pump in fluid communication with the barrel, the second pump configured to create the air stream to be delivered through the barrel.

10. The excavation system of claim 1, wherein the suction is sufficient to carry particles having a diameter of 2 millimeters or less.

11. The excavation system of claim 1, wherein the collection area is comprised of a container with lid, the container lined with a removable liner.

12. A method for excavating material from the ground, comprising the steps of:

directing an air stream in a first direction toward a material to be removed;

causing the material to be dislodged by the air stream to move the dislodged material in a second direction;

providing suction in the second direction to carry the dislodged material in the second direction; and

collecting the removed material and directly depositing the collected material into a bag.

13. The method of claim 12, further comprising the steps of:

providing a shroud having a first opening and a second opening;

providing a nozzle for directing the air stream toward the ground through the first opening of the shroud;

providing a first pump configured to apply the suction through the second opening of the shroud; and

providing a collection area in fluid communication with the second opening of the shroud to receive the removed material.

14. The method of claim 13, further comprising the step of providing a barrel positioned in and extending from the shroud, the barrel connected to the nozzle and a second pump.

15. The method of claim 14, wherein the second pump is configured to create the air stream to be delivered through the barrel.

16. The method of claim 13, further comprising the step of moving the nozzle over a ground area.

17. An excavator head, comprising:

a shroud having a first opening and a second opening;

a nozzle for directing an air stream in a first direction through the first opening of the shroud, the nozzle surrounded by the shroud, wherein the nozzle is connected to a barrel, the barrel positioned in and extending from the shroud; and

a flexible seal member positioned adjacent to the first opening of the shroud.

18. The excavator head of claim 17, further comprising a deflector plate received within the shroud, wherein the shroud defines a flow passageway adjacent to the deflector plate and an inner surface of the shroud for flow from the first opening to the second opening.

19. A collector for receiving contaminated material, the collector comprising:

a chamber for receiving an air stream having contaminated materials;

an impact plate situated within the first chamber, the impact plate configured to remove the contaminated material from the air stream;

a filter situated within the chamber; and

means for cooperating with a bag suitable for collection and transportation of hazardous material.

20. The collector of claim 19, further comprising a rotary valve positioned between the chamber and the container, the rotary valve configured to discharge the contaminated material into the container.